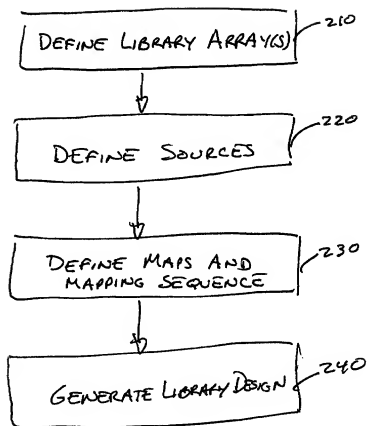


FIG. 1

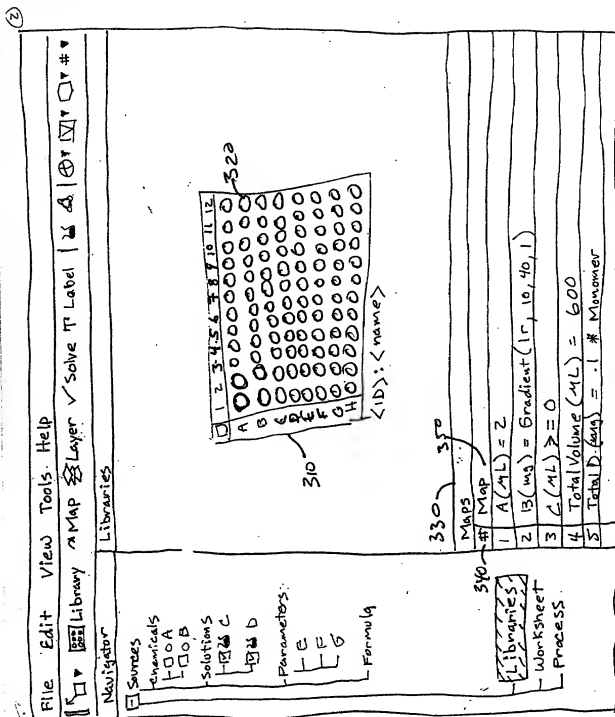


200

FIG. 2

10061960.020102

FIG. 3



Define Map

Map Uniform Amount ☒ 410

420 Source: A ☒

430 Unit: 44 ☒

440 Amount: 2

☒ ☐

400

FIG. 4A

Define Map

Map Discrete Amount ☒

Source: A ☒

Unit: 44 ☒

Enter or copy/paste values: ☒ 450

	1	2	3	4	5	6	7	8	9	10
A										
B										
C										
D										
E										
F										
G										

☒ ☐

FIG. 4B

Define Map

Map: Gradient

Source: A

Unit: mL

460 ~ Direction: →

470 ~ Min. Amount: 0

480 ~ Max. Amount: 100

490 ~ Step Size: 1

ok Cancel

FIG. 4C

Define Map

Map: Equation

Source: A

Unit: mL

Equation: 485

ok Cancel

FIG. 4D

10051960.0201001

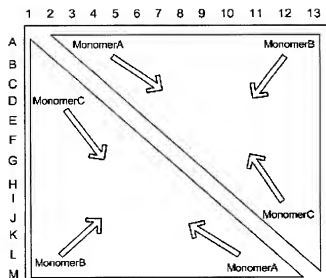


FIG. 5

620

Organize...

Add... Test3 Agents

- ...● Solvent_1
- ...○ t-Buyl-COOH
- ...○ MonomerA
- ...● MonomerB
- ...○ MonomerC

Chemical Inventory

600

Color	Name	Density	Structure	Type	Equivalences Unit
1 ●	t-Buyl-COOH	90.120	0.9500	Initiator	1,000 mol/mol
2 ●	Solvent_1	74.000	0.9930	Solvent	1,000 mol/ml
3 ○	MonomerA	0.000	0.9440	Monomer	1,000 mol/ml
4 ●	MonomerB	0.000	0.9230	Monomer	1,000 mol/ml
5 ○	MonomerC	0.000	0.9190	Monomer	1,000 mol/ml
6	Enter name here				

610

Chemicals Solutions Parameters Recipe Worksheet

FIG. 6A

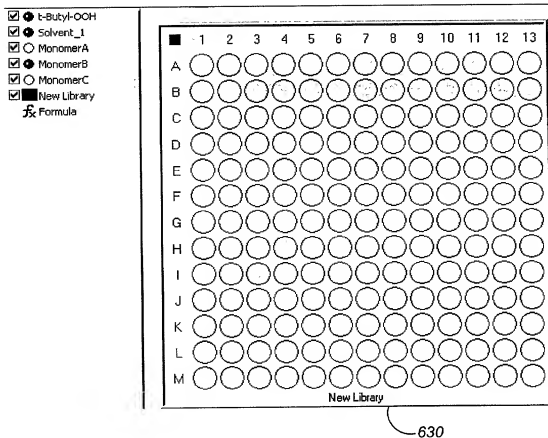


FIG. 6B

- ☒ t-Butyl-OOH
- ☒ Solvent_1
- ☒ MonomerA
- ☒ MonomerB
- ☒ MonomerC
- ☒ New Library
- ☒ Formula

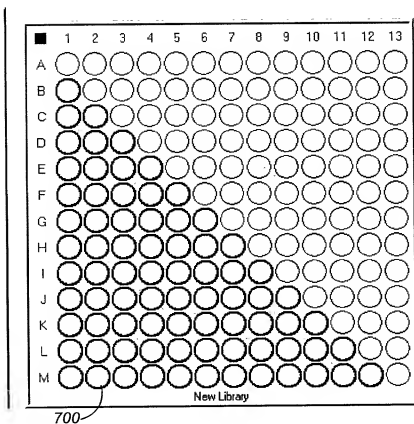


FIG. 7A

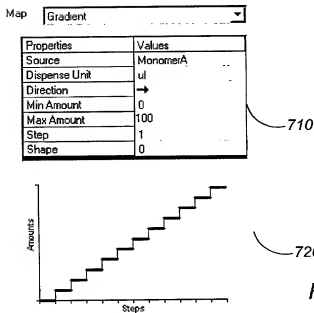


FIG. 7B

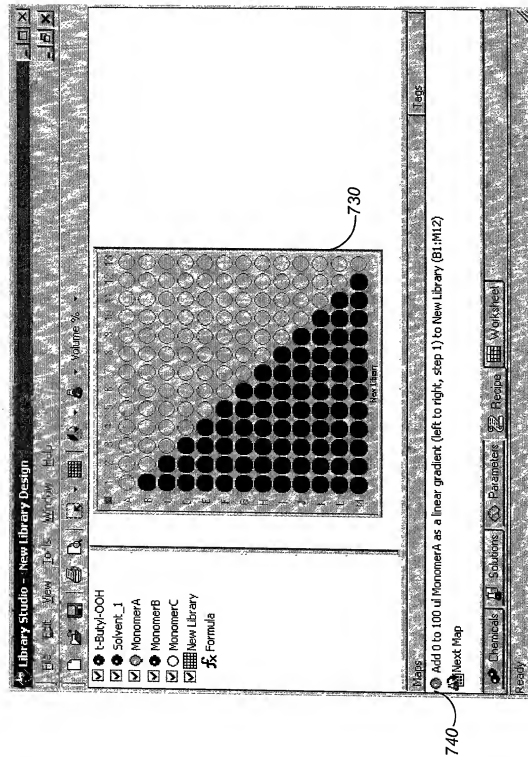


FIG. 7C

Map

Properties	Values
Source	t-Butyl-OOH
Dispense Unit	<input type="text" value="ul"/>

FIG. 8A

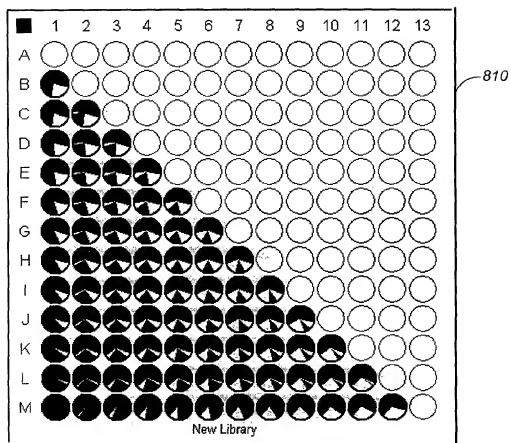


FIG. 8B

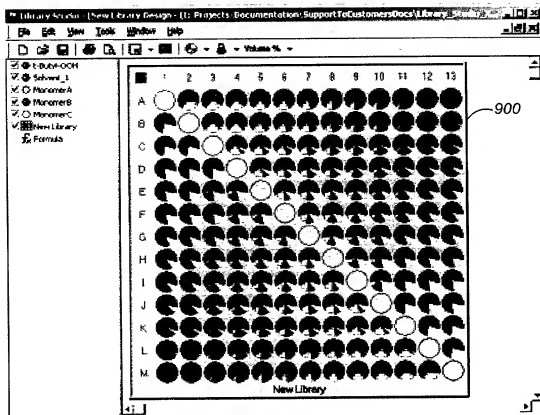


FIG. 9A

201020" 09675007

Maps
Top

☐ Add 0 to 100 ul MonomerA as a linear gradient (left to right, step 1) to New Library (B1:M12)
☐ Add 0 to 100 ul MonomerB as a linear gradient (right to left, step 1) to New Library (B1:M12)
☐ Add 0 to 100 ul MonomerC as a linear gradient (bottom to top, step 1) to New Library (B1:M12)
Σ Equation Group

☒ Add ? ul t-Buyl-OOH to New Library (B1:M12)
☒ Add ? ul Solvent_1 to New Library (B1:M12)
 \sum t-Buyl-OOH=10; ul; Library (B1:M12)
 \sum TotalVolume=200; ul; Library (B1:M12)

☐ Add 0 to 100 ul MonomerA as a linear gradient (right to left, step 1) to New Library (A2:L13)
☐ Add 0 to 100 ul MonomerB as a linear gradient (left to right, step 1) to New Library (A2:L13)
☐ Add 0 to 100 ul MonomerC as a linear gradient (top to bottom, step 1) to New Library (A2:L13)
Σ Equation Group

☒ Add ? ul t-Buyl-OOH to New Library (A2:L13)
☒ Add ? ul Solvent_1 to New Library (A2:L13)
 \sum t-Buyl-OOH=10; ul; Library (A2:L13)
 \sum TotalVolume=200; ul; Library (A2:L13)
 Next Map

Chemicals
 Solutions
 Parameters
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 Worksheet

Ready

FIG. 9B